10/561144

SEQUENCE LISTING

IAP20 Rec'd PCT/PTO 16 DEC 2005

<11	0>						JSTR	IES,	LTD.					IA	P20	Rec'd
<12	·0>			RA, I rotei		700										
<13		0965		OLE	111											
<15			_	-1711	88											
₹15			-06-													
<15 <15			2003- 1-11-	-3910 -20	47									j		
<15 <15			004- -01-	-2355 -30	57											
<15 <15			004- -02-	3098 -06	8											
<16	0>	25														
<17	0>	Pate	ntin	ver	sion	3. 2	!									
<21 <21 <21 <21	1> 2>	1 402 DNA Homo	sap	iens												
<22 <22 <22	1>	CDS (1).	. (39	9)												
<22 <22 <22	1>	sig_ (1).	pept . (87	ide)												
<22 <22 <22	1>	mat_ (88)	pept (3	ide 99)												
<40	0>	1	+ ~ ~	242	++ ~	500	0.4	gça	oot	***	a t a	a+ ~	~~+			48
Met	Leu	Asp	Trp	Arg -25	Leu	Ala	Ser	Ala	His -20	Phe	lle	Leu	Ala	Val -15	Thr	40
ctg Leu	aca Thr	ctg Leu	tgg Trp -10	Ser	tca Ser	gga Gly	aaa Lys	gtc Val -5	ctc Leu	tca Ser	gta Val	gat Asp -1	gta Val 1	aca Thr	aca Thr	96
aca Thr	gag Glu 5	gcc Ala	Phe	gat Asp	Ser	Gly	Val	ata Ile	Asp	gtg Val	Gin	tca Ser	aca Thr	ccc Pro	aca Thr	144
gtc Val 20	agg Arg	gaa Glu	gag Glu	aaa Lys	tca Ser 25	gcc Ala	act Thr	gac Asp	ctg Leu	aca Thr 30	gca Ala	aaa Lys	ctc Leu	ttg Leu	ctt Leu 35	192
ctt Leu	gat Asp	gaa Glu	ttg Leu	gtg Val 40	tcc Ser	cta Leu	gaa Glu	aat Asn	gat Asp 45	gtg Vai	att lle	gag Glu	aca Thr	aag Lys 50	aag Lys	240
aaa Lys	agg Arg	agt Ser	ttc Phe 55	tct Ser	ggt Gly	ttt Phe	ggg Gly	tct Ser 60	ccc Pro	ctt Leu	gac Asp	aga Arg	ctc Leu 65	tca Ser	gct Ala	288
ggc Gly	tct Ser	gta Val 70	gat Asp	cac His	aaa Lys	ggt Gly	aaa Lys 75	cag Gin	agg Arg	aaa Lys	gta Val	gta Val 80	gat Asp	cat His	cca Pro	336
aaa Lys	agg Arg 85	cga Arg	ttt Phe	ggt Gly	atc lie	ccc Pro 90	atg Met	gat Asp	cgg Arg	att He	ggt Gly 95	aga Arg	aac Asn	ogg Arg	ctt Leu	384

```
tca aat tcc aga ggc taa
Ser Asn Ser Arg Gly
<210> 2
<211> 133
<212> PRT
<213> Homo sapiens
<400> 2
Met Leu Asp Trp Arg Leu Ala Ser Ala His Phe IIe Leu Ala Val Thr -25 -20 -15
Leu Thr Leu Trp Ser Ser Gly Lys Val Leu Ser Val Asp Val Thr Thr
-10
-1
1
Thr Glu Ala Phe Asp Ser Gly Val IIe Asp Val Gln Ser Thr Pro Thr 5 10 15
Val Arg Glu Glu Lys Ser Ala Thr Asp Leu Thr Ala Lys Leu Leu Leu 20 30 35
Leu Asp Glu Leu Vai Ser Leu Glu Asn Asp Val ile Glu Thr Lys Lys
40 45
Lys Arg Ser Phe Ser Gly Phe Gly Ser Pro Leu Asp Arg Leu Ser Ala 55 65
Gly Ser Val Asp His Lys Gly Lys Gln Arg Lys Val Val Asp His Pro
70 80
Lys Arg Arg Phe Gly IIe Pro Met Asp Arg IIe Gly Arg Asn Arg Leu 85 90 95
Ser Asn Ser Arg Gly
100
<210>
<211>
<212>
<213>
        393
        DNA
        Mus musculus
```

<220> <221> <222> CDS

(1).. (390)

<220> <221> <222> sig_peptide (1)..(87)

<220> <221> <222> mat_peptide (88)..(390)

<400> 3 atg ctg gac tgg aga ttg gca agt aca cac ttc atc ctg gct atg att Met Leu Asp Trp Arg Leu Ala Ser Thr His Phe IIe Leu Ala Met IIe -25 -20 -15

gtg atg ctg tgg ggc tca gga aag gca ttc tct gtg gac tta gca tca Val Met Leu Trp Gly Ser Gly Lys Ala Phe Ser Val Asp Leu Ala Ser -10 -5 -1 1 96

144 cag gag ttt gga aca gca agc ttg cag tct cca ccc aca gcc aga gaa

48

Gin Glu Phe Gly Thr Ala Ser Leu Gin Ser Pro Pro Thr Ala Arg Glu 5 15 gag aag toa goo act gag ott tog got aag otc otg ogt ott gat gat Glu Lys Ser Ala Thr Glu Leu Ser Ala Lys Leu Leu Arg Leu Asp Asp 192 ctg gtg tcc tta gag aat gac gta ttt gag acc aag aaa aag aga agc Leu Val Ser Leu Glu Asn Asp Val Phe Glu Thr Lys Lys Lys Arg Ser 40 45 50 240 ttc tct ggc ttt ggg tct ccc ctt gac aga ctc tca gct ggg tct gta Phe Ser Gly Phe Gly Ser Pro Leu Asp Arg Leu Ser Ala Gly Ser Val 288 gag cat aga ggg aaa caa agg aaa gca gta gat cat tca aaa aag cgg Glu His Arg Gly Lys Gln Arg Lys Ala Val Asp His Ser Lys Lys Arg 70 75 80 336 ttt ggt att ccc atg gat cgg att ggt aga aac cgg ctc tcc agt tcc Phe Gly lle Pro Met Asp Arg lle Gly Arg Asn Arg Leu Ser Ser Ser 85 90 95 384 aga ggc tga Arg Gly 100 393 <210> 4 <211> 130 <212> PRT <213> Mus musculus <400> Met Leu Asp Trp Arg Leu Ala Ser Thr His Phe Ile Leu Ala Met Ile -25 -20 -15 Val Met Leu Trp Gly Ser Gly Lys Ala Phe Ser Val Asp Leu Ala Ser -10 -5 -1 1 Gin Glu Phe Gly Thr Ala Ser Leu Gin Ser Pro Pro Thr Ala Arg Glu 5 15 Glu Lys Ser Ala Thr Glu Leu Ser Ala Lys Leu Leu Arg Leu Asp Asp 20 30 35 Leu Val Ser Leu Glu Asn Asp Val Phe Glu Thr Lys Lys Lys Arg Ser 40 45 Phe Ser Gly Phe Gly Ser Pro Leu Asp Arg Leu Ser Ala Gly Ser Val 55 60 65 Glu His Arg Gly Lys Gln Arg Lys Ala Val Asp His Ser Lys Lys Arg 70 80 Phe Gly IIe Pro Met Asp Arg IIe Gly Arg Asn Arg Leu Ser Ser Ser 85 90 95 Arg Gly 100 <210> 5 <211> 19

<212>

DNA

Artificial Sequence

<pre> 400> 5 gggggtggac catcctota 210> 6</pre>			
(211) 20 (212) DNA (213) Artificial Sequence (220) (223) Oligonucleotide designed to act as primer for amplifying cDNA derived from mouse soleus muscle. (400) 6 cgcgcagctg taaacggtag 20 (210) 7 (211) 249 (212) DNA (213) Mus musculus (400) 7 agaactctaa agttaggagc totgacttot cacaagatgc tggactggag attgccagt 60 acacacttca tootggotat gattgtgat otgtggggot caggaaaggc attototgtg 120 gacttagcat cacaggagtt tggaacagca agcttgcagt otccaccac agccagagaa 180 gagaatgac 249 (210) 8 (211) 30 (211) 30 (212) DNA (213) Artificial Sequence (220) (223) Oligonucleotide designed to act as primer for amplifying full length mouse musculin cDNA. (210) 9 (211) 19 (212) DNA (213) Artificial Sequence (220) (220) Cligonucleotide designed to act as primer for amplifying full length mouse musculin cDNA. (400) 9			
cgcgcagctg taaacggtag (210) 7 (211) 249 (212) DNA (213) Mus musculus (400) 7 aggactctaa agttaggagc tctgacttct cacaagatgc tggactggag attggcaagt 60 acacacttca tcctggctat gattgtgatg ctgtggggct caggaaaggc attctctgtg 120 gaottagcat cacaggagtt tggaacagca agcttgcagt ctccacccac agccagagaa 180 gagaagtcag ccactgagct ttcggctaag ctctgggtc ttgatgatct ggtgtcctta 240 gagaatgac 249 (210) 8 (211) 30 (212) DNA (213) Artificial Sequence (220) (223) Oligonucleotide designed to act as primer for amplifying full length mouse musculin cDNA. (400) 8 tcctgagccc cacagcatca caatcatagc 30 (210) 9 (211) 19 (212) DNA (213) Artificial Sequence (220) (213) Oligonucleotide designed to act as primer for amplifying full length mouse musculin cDNA.			
<pre> <211> 249 <212> DNA <213> Mus musculus </pre> <pre> <400> 7 aggactctaa agttaggagc tctgacttct cacaagatgc tggactggag attggcaagt 60 acacacttca tcctggctat gattgtgatg ctgtggggct caggaaaggc attctctgtg 120 gacttagcat cacaggagtt tggaacagca agcttgcagt ctccacccac agccagagaa 180 gagaagtcag ccactgagct ttcggctaag ctcctgcgtc ttgatgatct ggtgcctta 240 gagaaatgac 249 </pre> <pre> <210> 8 <211> 30 <212> DNA <213> Artificial Sequence </pre> <pre> <220> <223> Oligonuclectide designed to act as primer for amplifying full length mouse musculin cDNA. </pre> <400> 8 tcctgagccc cacagcatca caatcatagc 30 <210> 9 <211> 19 <212> DNA <213> Artificial Sequence <220> <2210> 9 <211> 19 <212> DNA <213> Artificial Sequence <220> <223> Oligonuclectide designed to act as primer for amplifying full length mouse musculin cDNA. <400> 9			
aggactctaa agttaggagc totgacttct cacaagatgc tggactggag attggcaagt 60 acacacttca tcotggctat gattgtgatg ctgtggggct caggaaaggc attctctgtg 120 gacttagcat cacaggagtt tggaacagca agcttgcagt ctccacccac agccagagaa 180 gagaagtcag ccactgagct ttcggctaag ctcctgcgtc ttgatgatct ggtgtcctta 240 gagaatgac 249 <pre> <210> 8 <211> 30 <212> DNA <213> Artificial Sequence </pre> <pre> <220> <223> Oligonucleotide designed to act as primer for amplifying full length mouse musculin cDNA. </pre> <400> 8 tcctgagccc cacagcatca caatcatagc 30 <210> 9 <211> 19 <212> DNA <213> Artificial Sequence <2210> Oligonucleotide designed to act as primer for amplifying full length mouse musculin cDNA. <210> 9 <211> IP <212> DNA <213> Artificial Sequence <220> <223> Oligonucleotide designed to act as primer for amplifying full length mouse musculin cDNA. <400> 9			
gacttagcat cacaggagtt tggaacagca agcttgcagt ctccacccac agccagagaa 180 gagaagtcag ccactgagct ttcggctaag ctcctgcgtc ttgatgatct ggtgtcctta 240 gagaatgac 249 <pre> <210> 8 <211> 30 <212> DNA <213> Artificial Sequence </pre> <pre> <220> <223> Oligonucleotide designed to act as primer for amplifying full length mouse musculin cDNA. <400> 8 tcctgagccc cacagcatca caatcatagc 30 <210> 9 <211> 19 <212> DNA <213> Artificial Sequence <220> <220> Coligonucleotide designed to act as primer for amplifying full length mouse musculin cDNA. <400> 9 </pre> <210> 9 <211> 19 <212> DNA <213> Artificial Sequence <220> <223> Oligonucleotide designed to act as primer for amplifying full length mouse musculin cDNA. <400> 9			
gagaagtcag ccactgagct ttcggctaag ctcctgcgtc ttgatgatct ggtgtcctta 240 gagaatgac 249 <pre> <210> 8 <211> 30 <212> DNA <213> Artificial Sequence </pre> <pre> <220> <223> Oligonuclectide designed to act as primer for amplifying full length mouse musculin cDNA. <400> 8 tcctgagccc cacagcatca caatcatagc 30 <210> 9 <211> 19 <212> DNA <213> Artificial Sequence <220> <223> Oligonuclectide designed to act as primer for amplifying full length mouse musculin cDNA. <400> 9 </pre>			
gagaatgac 249 <pre> <210> 8 <211> 30 <212> DNA <213> Artificial Sequence </pre> <pre> <220> <223> Oligonucleotide designed to act as primer for amplifying full length mouse musculin cDNA. <400> 8 tcctgagccc cacagcatca caatcatagc 30 <210> 9 <211> 19 <212> DNA <213> Artificial Sequence <220> <223> Oligonucleotide designed to act as primer for amplifying full length mouse musculin cDNA. </pre> <210> 9 <211> 19 <212> DNA <213> Artificial Sequence <220> <223> Oligonucleotide designed to act as primer for amplifying full length mouse musculin cDNA. <400> 9			
<pre> <210> 8 <211> 30 <212> DNA <213> Artificial Sequence <220> <223> Oligonucleotide designed to act as primer for amplifying full length mouse musculin cDNA. <400> 8 tcctgagccc cacagcatca caatcatagc 30 <210> 9 <211> 19 <212> DNA <213> Artificial Sequence <220> <223> Oligonucleotide designed to act as primer for amplifying full length mouse musculin cDNA. <400> 9 </pre>			
<pre> <211> 30 <212> DNA <213> Artificial Sequence </pre> <pre> <220> <223> Oligonucleotide designed to act as primer for amplifying full length mouse musculin cDNA. </pre> <pre> <400> 8 tcctgagccc cacagcatca caatcatagc 30 </pre> <pre> <210> 9 <211> 19 <212> DNA <213> Artificial Sequence </pre> <pre> <220> <223> Oligonucleotide designed to act as primer for amplifying full length mouse musculin cDNA. </pre> <400> 9			
<223> Oligonucleotide designed to act as primer for amplifying full length mouse musculin cDNA. <400> 8 tcctgagccc cacagcatca caatcatagc <210> 9 <211> 19 <212> DNA <213> Artificial Sequence <220> <223> Oligonucleotide designed to act as primer for amplifying full length mouse musculin cDNA. <400> 9			
tcctgagccc cacagcatca caatcatagc 30 <pre> <210> 9 <211> 19 <212> DNA <213> Artificial Sequence </pre> <pre> <220> <223> Oligonucleotide designed to act as primer for amplifying full length mouse musculin cDNA. </pre> <400> 9			
<pre><211> 19 <212> DNA <213> Artificial Sequence <220> <223> Oligonucleotide designed to act as primer for amplifying full length mouse musculin cDNA. <400> 9</pre>			
<223> Oligonucleotide designed to act as primer for amplifying full length mouse musculin cDNA. <400> 9			
ccttgacaga ctctcagct 19			
<210> 10 <211> 1154 <212> DNA <213> Mus musculus			
<400> 10 gagagagaga gagagagaga gagagttggt gaaatgttcc gctgaaaatc 60			
tgtggaactg atgtaagaga aagcaacgac aggggttgga gtaagtggag tagaactgag 120			
actataaaaa cacagaaaga aactcgcatc agggctaagt ttgggataag ctgcaggcag			

gactctaaag ttaggagctc tgacttctca caagatgctg gactggagat tggcaagtac 240									
acacttcatc ctggctatga ttgtgatgct gtggggctca ggaaaggcat tctctgtgga 300									
cttagcatca caggagtttg gaacagcaag cttgcagtct ccacccacag ccagagaaga 360									
gaagtcagcc actgagcttt cggctaagct cctgcgtctt gatgatctgg tgtccttaga 420									
gaatgacgta titgagacca agaaaaagag aagcttotot ggctttgggt otcocottga 480									
cagactotca gotgggtotg tagagcatag agggaaacaa aggaaagcag tagatcattc 540									
aaaaaagcgg tttggtattc ccatggatcg gattggtaga aaccggctct ccagttccag 600									
aggotgatgg attottattg tgcgacttac ttgtgtgaga tggcacagaa ctatagaaga 660									
cacttoagtg aagttoacta occottttgt caaggaattg gootttogca aacottocca 720									
aagottgato otoccoagao catcaogtoa tagtgttgot gtggttttag ttgagttgtg 780									
cagatcattt cagtgcatgg atatototga aagtattitt caatgattoo caaattgtaa 840									
cgtggcccct gaacctactt tttttaaaca gcagaccaat ataatgcatt ctcttgccat 900									
taatatttto acatttoagt taatoaatgt gotttotaga aacotagtgt ttgaagatot 960									
gatgatotaa agaaatoaga aatgagoaca tggtgattta tataggttto tttagtttt 1020									
ctgaggtttg tcgaattgtt gtaaacttca acttcaagct tagaaaaaag acattacatg 1080									
agtgtttgct tcaactgtgt cagaaggcaa ataaattttg agaaaccaaa aaaaaaaaaa									
aaaaaaaaa aaaa 1154									
<210> 11 <211> 28 <212> DNA <213> Artificial Sequence									
<220> <223> Oligonucleotide designed to act as primer for amplifying full length human musculin cDNA.									
<pre><400> 11 gactgtgggt gttgactgca catctatg 28</pre>									
<210> 12									
<211> 28 <212> DNA									
<213> Artificial Sequence									
<220> <223> Oligonucleotide designed to act as primer for amplifying full length human musculin cDNA.									
<pre><400> 12 ctgatctttc acgagatgct ggactgga 28</pre>									
<210> 13 <211> 1655									
<212> DNA <213> Homo sapiens									
<pre><220> <221> misc_feature <222> (763). (763) <223> n stands for unidentified base.</pre>									
<pre><220> <221> misc_feature <222> (965) (965) <223> n stands for unidentified base.</pre>									

```
<221> misc_feature
<222> (1032).. (1032)
<223> n stands for unidentified base.
 <220>
<221> misc_feature
<222> (1033) . (1033)
<223> n stands for unidentified base.
  <220>

    221) misc_feature
    (222) (1043).. (1043)
    223) n stands for unidentified base.

 <220>
<221> misc_feature
<222> (1075)...(1079
            (1075).. (1075)
n stands for unidentified base.
  <223>
 <220>
<221> misc_feature
<222> (1080). (1080)
<223> n stands for unidentified base.
 <220>
<221> misc_feature
<222> (1113).. (1113)
<223> n stands for unidentified base.
<220>
<221> misc_feature
<222> (1138).. (1138)
<223> n stands for unidentified base.
 <220>
<221> misc_feature
<222> (1235).. (1235)
<223> n stands for unidentified base.
<220>
<221> misc_feature
<222> (1238) (1238)
<223> n stands for unidentified base.
 <220>
<221> misc_feature
<222> (1265)...(1265)
 <223> n stands for unidentified base.
<220>
<221> misc_feature
<222> (1277).. (1277)
<223> n stands for unidentified base.
<220>
<221> misc_feature
<222> (1280).. (1280)
<223> n stands for unidentified base.
<220>
<221> misc_feature
<222> (1291)...(1291)
<223> n stands for unidentified base.
<220>
<221> misc_feature
<222> (1301)...(1301)
<223> n stands for unidentified base.
<220>
<221> misc_feature
<222> (1328).. (1328)
<223> n stands for unidentified base.
```

```
<220>
       misc_feature
(1347).. (1347)
 <221>
 <222>
        n stands for unidentified base.
<221> misc_feature
<222> (1366).. (1366)
 <223>
        n stands for unidentified base.
 <220>
<221><222>
       misc_feature
(1454).. (1454)
 <223>
       n stands for unidentified base.
 <220>
<221> misc_feature
<222> (1553)...(1553)
 <223>
       n stands for unidentified base.
<221>
<222>
       misc_feature
(1580).. (1580)
n stands for unidentified base.
<223>
 <220>
       misc_feature
(1625).. (1625)
<221>
<222>
       n stands for unidentified base.
<223>
<400> 13
acgoggggag ggotgagttt tggagaaact goagagacag tactotaaag ttagaatoto
                                                                            60
                                                                          120
ctgatctttc acgagatgct ggactggaga ttggcaagtg cacatttcat cctggctgtg
acactgacac tgtggagctc aggaaaagtc ctctcagtag atgtaacaac aacagaggcc
                                                                          180
tttgattctg gagtcataga tgtgcagtca acacccacag tcagggaaga gaaatcagcc
                                                                          240
actgacctga cagcaaaact cttgcttctt gatgaattgg tgtccctaga aaatgatgtg
                                                                          300
attgagacaa agaagaaaag gagtttotot ggttttgggt otoccottga cagactotoa
                                                                          360
gctggctctg tagatcacaa aggtaaacag aggaaagtag tagatcatcc aaaaaggcga
                                                                          420
tttggtatcc ccatggatcg gattggtaga aaccggcttt caaattccag aggctaattg
                                                                          480
attocaatta tgcaacttcc ttgggtgaaa tgtcacagca atatggaaga tgcttcactg
                                                                          540
aagttattca cacttcttaa tgattaaact tttaaggaac tgaccttctg caaatccttt
                                                                          600
ccaaagcttg aacttcagtc catcacatta cggcattgtt acagcttcaa ttaaattgtg
                                                                          660
taaatcattt tgatgcacgt acattttaaa attatatatt ttaattattc aagaatggtt
                                                                          720
aacttcccct taaaccttac ttttaaaata ataattaaat acncaataca gtgaaatgcc
                                                                          780
ttctgtatgg atttaccatg cacatgtttg gagtccaaag aaataataac caaagacaga
                                                                          840
                                                                          900
atttgccttc tgtaaaattt tagttataaa tctggcccat tattggggaa tgaaggaaag
gcaatgcctg tgtatttttc tggtgaggaa cttttccctt tccccggaat tccaattttt
                                                                          960
tocongaagg cotggatcog ggaataaatt atgaaaatta gggottocot tttocaaatt
                                                                         1020
ccaaagtttt cnngtccatg ttncagaaaa attaaaaaca ccagccccca agggnagccn
                                                                         1080
tatttgactt tagaattaag gaaaggggaa ggnccattac toatttggtc aaaacttnga
                                                                         1140
tatcactttg tcccctaaaa accttcccat tttttttaaa ttctgccagg ttaagagcag
                                                                         1200
taggtgtoto attaggaggg gaggtaacgo toacnoanag ggtaaaaatg aaagtaggag
                                                                         1260
ggaantcaaa ggaattnoon coagaactgg ntaggoocag ntaagcacac atcatttag
                                                                         1320
gotcaginca citcagoata giacaangig atotitigga tatognggat taatotaaga
```

1380

aadigittad igigittaa ataliggdit aligggdito aaligidita (talddilaa — 1440
taagccaatt gaangagcat aatgattttg agaatgattt cttaaaaatc attcagatta 1500
tttttgaatg acttattaaa acataagttt tcgtattgta gaaaactcag ttntcagtaa 1560
taactatgat gttactgtan gcttggacac ataggtccat tgtgcacttg gatatacttt 1620
gaaanccccc aaaaaaaaa aaaaaaaaa aaaaa 1655
<pre><210> 14 <211> 20 <212> DNA <213> Artificial Sequence</pre>
<220><223> Oligonucleotide designed to act as primer for amplifying mouse musculin cDNA fragment.
<pre><400> 14 tgtggactta gcatcacagg 20</pre>
<210> 15 <211> 19 <212> DNA <213> Artificial Sequence
<220> <223> Oligonucleotide designed to act as primer for amplifying mouse musculin cDNA fragment.
<pre><400> 15 ccttgacaga ctctcagct 19</pre>
<210> 16 <211> 27 <212> DNA <213> Artificial Sequence
<220> <223> Oligonucleotide designed to act as primer for amplifying full length rat SS169 cDNA.
<400> 16 gctggactgg agattggcaa gtgcaca 27
<210> 17 <211> 28 <212> DNA <213> Artificial Sequence
<220> <223> Oligonucleotide designed to act as primer for amplifying full length rat SS169 cDNA.
<400> 17 ctcctggcta tgatcctgat gctgtggg 28
<210> 18 <211> 26 <212> DNA <213> Artificial Sequence
<220> <223> Oligonucleotide designed to act as primer for amplifying full length rat SS169 cDNA.
<400> 18 Aggregation configuration 26

<210> <211> <212> <213>	19 23 DNA Artificial Sequence										
<220> <223>	Oligonucleotide designed to act as primer for amplifying full length rat SS169 cDNA.										
<400> ctctgg	19 cttc gggtctcccc ttg	23									
<210> <211> <212> <213>	20 20 DNA Artificial Sequence										
<220> <223>	Oligonucleotide designed to act as primer for amplifying cDNA derived from rat gastrocunemius muscle.										
<400> atgctg	20 ggact ggagattggc										
<210> <211> <212> <213>	21 20 DNA Artificial Sequence										
<220> <223>	Oligonucleotide designed to act as primer for amplifying cDNA derived from rat gastrocunemius muscle.										
<400> tcagcco	21 cctg gaactggaga 2	20									
<210> <211> <212> <213>	22 399 DNA Rattus norvegicus										
<220> <221> <222>	CDS (1) (396)										
<220> <221> <222>	sig_peptide (1) (87)										
<220> <221> <222>	mat_peptide (88) (396)										
<400> atg ctg Met Leu		8									
ctg atg Leu Met	g ctg tgg ggc toa gga aag gca tto toc gtg gac tta gca toa 9 E Leu Trp Gly Ser Gly Lys Ala Phe Ser Val Asp Leu Ala Ser -10 -5 -1 1	6									
gag gco Glu Ala 5	c too gag ttt gga goa gaa ago ttg cag too coa coo aca aco a Ser Giu Phe Giy Ala Giu Ser Leu Gin Ser Pro Pro Thr Thr 10 15	4									
aga gaa Arg Glu 20	n gag aag toa goo aog gag ott goa got aag oto otg ott ott 19 n Glu Lys Ser Ala Thr Glu Leu Ala Ala Lys Leu Leu Leu 25 30 35	2									
gat gat	ctg gtg tcc ttg gag aat gat gtg ttt gag acc aag aag aag 24	0									

Asp Asp Leu Val Ser Leu Glu Asn Asp Val Phe Glu Thr Lys Lys Lys 40 45 aga agc ttc tct ggc ttc ggg tct ccc ctt gac aga ctc tcg gct ggg Arg Ser Phe Ser Gly Phe Gly Ser Pro Leu Asp Arg Leu Ser Ala Gly 55 60 288 tot gta gag cat aga ggg aaa caa agg aga gta gtt gat cat toa aaa Ser Val Glu His Arg Gly Lys Gln Arg Arg Val Val Asp His Ser Lys 70 . 75 80 336 aag cga ttt ggt att ccc atg gat cga att ggt aga aac cgt ctc tcc Lys Arg Phe Gly Ile Pro Met Asp Arg Ile Gly Arg Asn Arg Leu Ser 85 90 384 agt too agg ggc tga Ser Ser Arg Gly 100 399 <210> <211> <212> <213> 132 PRT Rattus norvegicus <400> Met Leu Asp Trp Arg Leu Ala Ser Ala His Phe Leu Leu Ala Met Ile -25 -20 -15 Leu Met Leu Trp Gly Ser Gly Lys Ala Phe Ser Val Asp Leu Ala Ser -10 -5 1 1 Glu Ala Ser Glu Phe Gly Ala Glu Ser Leu Gln Ser Pro Pro Thr Thr 5 15 Arg Glu Glu Lys Ser Ala Thr Glu Leu Ala Ala Lys Leu Leu Leu Leu 20 30 35 Asp Asp Leu Val Ser Leu Glu Asn Asp Val Phe Glu Thr Lys Lys 40 45 50 Arg Ser Phe Ser Gly Phe Gly Ser Pro Leu Asp Arg Leu Ser Ala Gly 55 60 65 Ser Val Glu His Arg Gly Lys. Gln Arg Arg Val Asp His Ser Lys 75 80 Lys Arg Phe Gly Ile Pro Met Asp Arg Ile Gly Arg Asn Arg Leu Ser 85 90 95 Ser Ser Arg Gly 100 <210> 24 24 <211> <212> DNA Artificial Sequence <220> <223> Oligonuclotide designed to act as primer for amplifying rat SS169 cDNA fragment. <400> 24 gatgatctgg tgtccttgga gaat 24

<210> 25 <211> 22 <212> DNA <213> Artificial Sequence

Oligonucleotide designed to act as primer for amplifying rat SS169 cDNA fragment.

<400> 25 tctacagacc cagccgagag tc

22